

In the Claims:

This listing of claims will replace all prior versions or listings of claims for this application.

1. (Currently amended) A yeast vector that is capable of functioning by expressing nucleic acid sequences in yeast cells, the yeast vector selected from the group consisting of p1-9, p1-9g18, pA-4, pGG7, and functional variations, combinations and functional modifications thereof and comprising a 5S rDNA sequence that contains a fragment of *S. cerevisiae* rDNA wherein said fragment contains a 5S rDNA gene, an NTS1 spacer NTS1, an NTS2 spacer, and an expression cassette containing a DNA sequence of interest.

2. (Currently amended) The vector of claim 1, wherein the yeast vector comprises p1-9g18 NTS1 spacer further include a glycol amylase gene expression cassette of *Aspergillus awamory*.

3. (Currently amended) The vector of claim 1, wherein the ~~NTS1 spacer further includes a geneticin (G418) resistance gene~~ yeast vector comprises pA-4.

4. (Currently amended) The vector of claim 3, wherein the ~~NTS1 spacer further includes the glycol amylase gene expression cassette of *Aspergillus awamory awamory*~~ yeast vector comprises pGG7.

5. (Cancelled).

6. (Original) A yeast cell transformed with the vector of claim 1.

7. (Original) A yeast cell transformed with the vector of claim 2.

8. (Original) A yeast cell transformed with the vector of claim 3.
9. (Original) A yeast cell transformed with the vector of claim 4.
10. (Cancelled).
11. (Original) The yeast cell of claim 6 wherein the cell is a strain of yeast selected from the group of strains consisting of laboratory strains, phototrophic strains, industrial strains, wild-type strains, a strain of *Saccharomyces* genus, and strains of a non *Saccharomyces* genus.
12. (Original) A method for expressing a sequence of interest in a yeast cell comprising:
transforming a yeast cell with a vector of claim 1 to form a transformant; and
expressing the sequence of interest from the transformant.
13. (Original) The method of claim 12, wherein the sequence of interest is selected from the group consisting of genes that code for enzymes.
14. (Original) The method of claim 12, wherein the yeast cell is selected from the group of yeast cells consisting of wild-type yeast strains, strains of the genus *Saccharomyces*, and strains of non-*Saccharomyces* yeast.
15. (Original) The method of claim 12, wherein transforming is by homologous recombination in one or multiple copies.

16. (Original) The method of claim 12, wherein the transformant is stable for a plurality of generations.

17. (Original) The method of claim 16, wherein the plurality is greater than 40.

18. (Original) The method of claim 12, wherein the vector is integrated in chromosomal rDNA of said yeast cell.

19.-21. (Cancelled).

22. (New) A yeast vector comprising:

a 5S rDNA sequence that comprises the 2.1 kbp EcoRI-EcoRI fragment of the *S. cerevisiae* genome; and
an antibiotic resistance gene.

23. (New) A co-transformation method of laboratory strains, prototrophic strains, industrial strains, *Saccharomyces* genus strains, and non *Saccharomyces* genus strains with the vectors of claim 1.